

Document Log Item

Addressing			
From		To	
"Steven Costa" <glatzeldacosta@suddenlink.net>		Sara Greiner/R9/USEPA/US@EPA	
CC		BCC	
"Karen Glatzel" <kargatgdc@suddenlink.net> Carl Goldstein/R9/USEPA/US@EPA "Peter Peshut" <pjp617@uow.edu.au>			
Description		Form Used: Memo	
Subject		Date/Time	
Pago Pago Harbor Zinc Concentrations		05/31/2007 11:13 AM	
# of Attachments	Total Bytes	NPM	Contributor
1	43,359		Marcela VonVacano
Processing			
Comments			

Body

Document Body

Sara,

This email provides the zinc datafor Pago Pago Harbor.

Worksheet Zinc (1) shows calculations based on all of the data.

Worksheet Zinc (2) shows calculations based on data with outliers removed. Note that even the outliers are below the ASWQS which is based on the USEPA NRWQC

My approach would be to select 7.4 µg/l as the maximum receiving water concentration in the vicinity of the discharge representing background conditions for water within which the plume is diluted. This value is within the ZID and is probably over conservative.

Using this value the maximum allowable effluent concentration of zinc (assimilate capacity) is calculated to be >23000 µg/l. This is well above the existing effluent limitation of 1770 µg/l.

I understand you are out of the office until 11 June. Let's talk that week to see what else I need to get to you. I will be in the office that week, but back in Puerto Rico the week of the 18th.



Steve - RW Zinc Summary2001-2007-070531.xls